CLAIMS

1. A polymer film characterized in that the Poisson's ratio of the longitudinal direction (MD) to the transverse direction (TD) is less than 0.4.

2. A polymer film according to claim 1, wherein the Poisson's ratio is 0.1 to less than 0.3.

3. A polymer film according to claim 1, wherein the Poisson's ratio is 0.01 to less than 0.1.

4. A polymer film according to claim 1, wherein the tensile modulus at least in one direction is at least 7 GPa.

1 psi = .07 kg/cm² 1 GPa = 1 × 10⁴ kg/cm²

5. A polymer film according to claim 4, wherein the ratio E_{TD}/E_{MD} of the tensile moduli of the transverse direction to the longitudinal direction satisfies:

$$0.8 < E_{TD}/E_{MD} < 3.$$

6. A polymer film according to claim 1, wherein the polymer film is an aromatic polyamide film.

7. A magnetic recording medium comprising a film according to any one of claims 1 to 6 provided with a magnetic layer on at least one side.

8. A magnetic recording medium according to claim 7, used in helical scanning type magnetic recording.